Please rewrite the paragraph that runs from page 31, line 2 to page 31, line 8, as follows:

--Let the distance between two adjacent lines in a field [to] be 1 unit. As illustrated in FIG. 12, for the non-downsampled field-type video image, the first line in the bottom field (line 1) is 0.5 unit below the first line in the top field (line 0). This is also true for the subsequent lines in the top and bottom fields. The results of a DDA-based vertical scaling operation for uniformly-positioned interlaced video source are illustrated in FIG. 15. The example shows the upscaling factor of 3:8. FIG. 15 (a) is the case of scaling from the top field with an initial phase of DDA[0] = 0.0, and FIG. 15(b) is the case of scaling from the bottom field with an initial phase of DDA[0] = -0.5.--

In the Claims:

Please cancel claims 10 and 22, without prejudice.

Please amend claims 1, 11, 16, 23, 28, as follows:

1 (Amended). A method of performing video image decoding comprising:

downsampling a compressed video image in the frequency domain;

inverse transforming the downsampled video image; and

performing motion compensation for the downsampled image in the spatial domain, the performing of the motion compensation comprising scaling motion vectors in accordance with a downsampling ratio.

11 (Amended). The method of claim 1, wherein motion vector scaling comprises implementing an interpolation operation.

16 (Amended). A method of performing video image decoding comprising:

inverse transforming a compressed video image;

downsampling the inverse transformed image in the spatial domain; and

performing motion compensation for the downsampled image in the spatial domain, the performing of the motion compensation comprising scaling motion vectors in accordance with a downsampling ratio.

23 (Amended). The method of claim 16, wherein motion vector scaling comprises implementing an interpolation operation.

28 (Amended). An article comprising: a storage medium, having stored thereon instructions, that when executed by a platform, result in the following:

downsampling a compressed video image in the frequency domain;

inverse transforming the downsampled video image; and

performing motion compensation for the downsampled image in the spatial domain, the performing of the motion compensation comprising scaling motion vectors in accordance with a downsampling ratio.

32 (Amended). An article comprising: a storage medium, having stored thereon instructions, that when executed by a platform, result in the following:

inverse transforming a compressed video image;

downsampling the inverse transformed image in the spatial domain; and

performing motion compensation for the downsampled image in the spatial domain, the performing of the motion compensation comprising scaling motion vectors in accordance with a downsampling ratio.

In the Drawings:

Please amend Figure 1 to include the legend "PRIOR ART" as shown in red on the attached copy thereof.

REMARKS

The Office Action mailed October 10, 2001 has been carefully considered. Reconsideration and allowance of the subject application, as amended, are respectfully requested.

The Specification has been amended to correct minor typographical errors. Figure 1 has been amended to include the legend "PRIOR ART" as required by the Examiner at cipher 2 of the Office Action. Claims 10 and 22 have been cancelled. Claims 16 and 32 have been amended to correct minor clerical errors, and claims 11 and 23 have been amended to change their